

Fig. 1

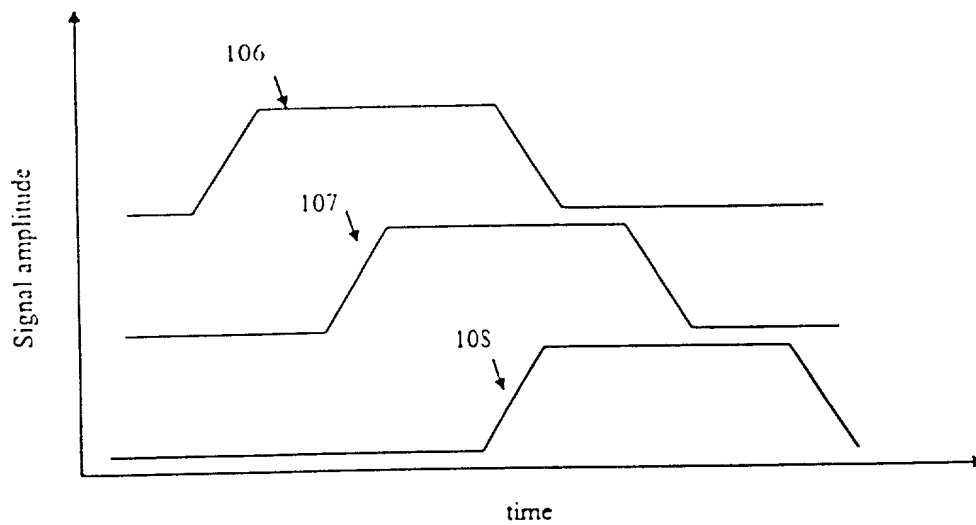


Fig 2

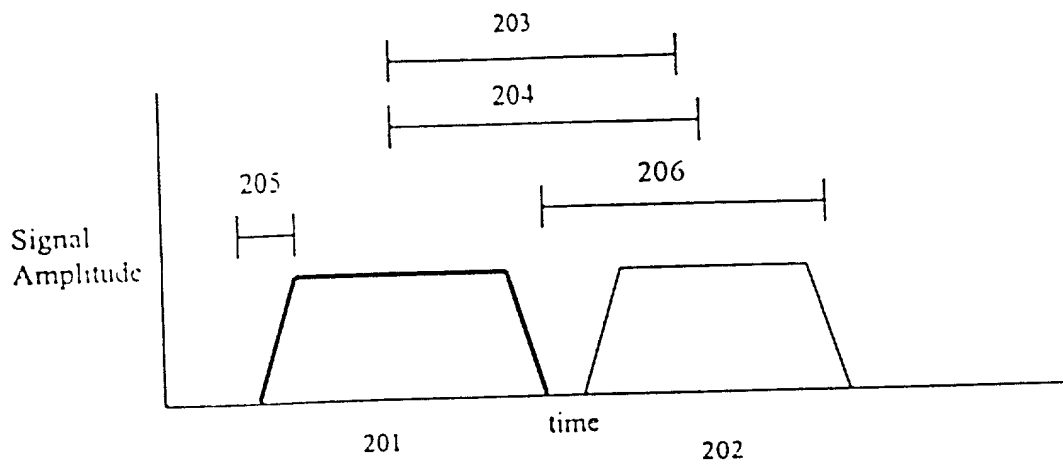


Fig. 3

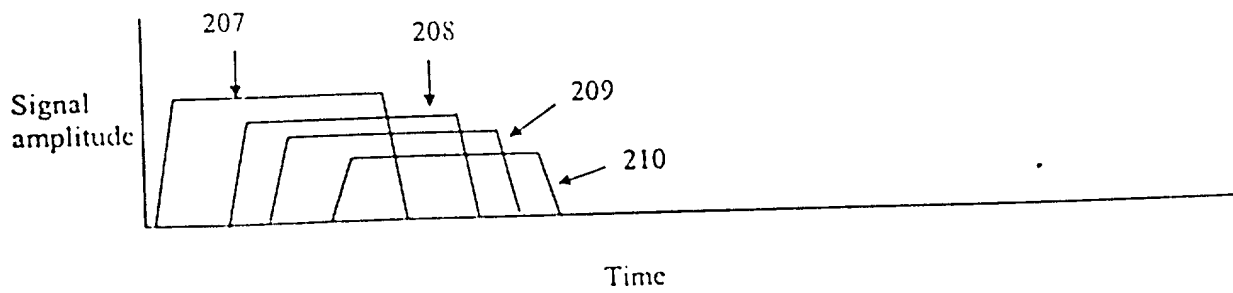


Fig. 4

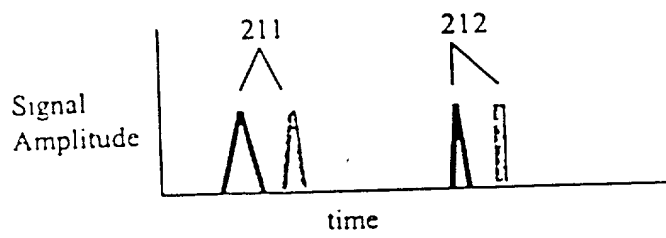


Fig. 5

Optical
Arrangement for
Multiple Spot
Formation

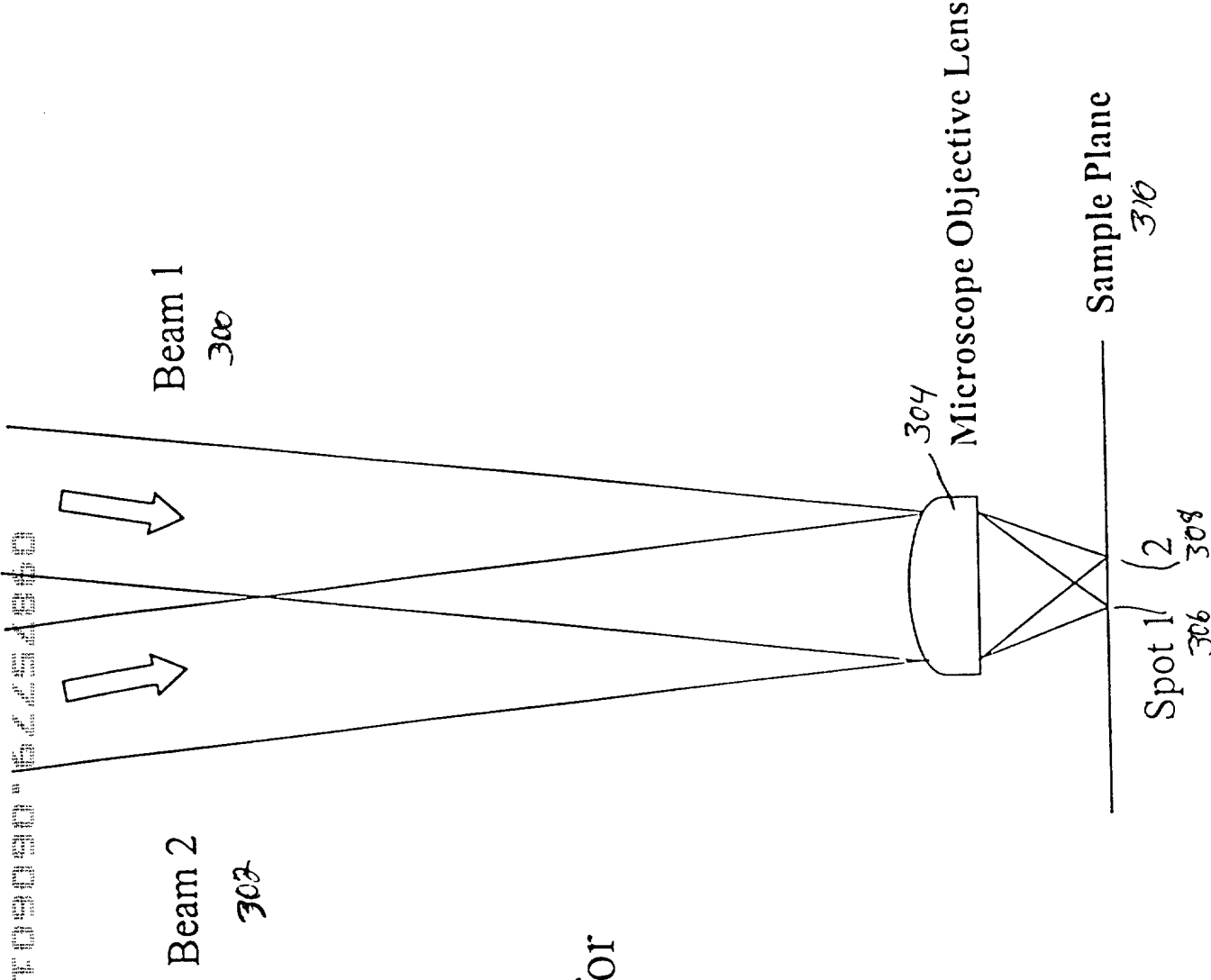


FIG. 6

Optical Scheme Pellicle Beam Splitter

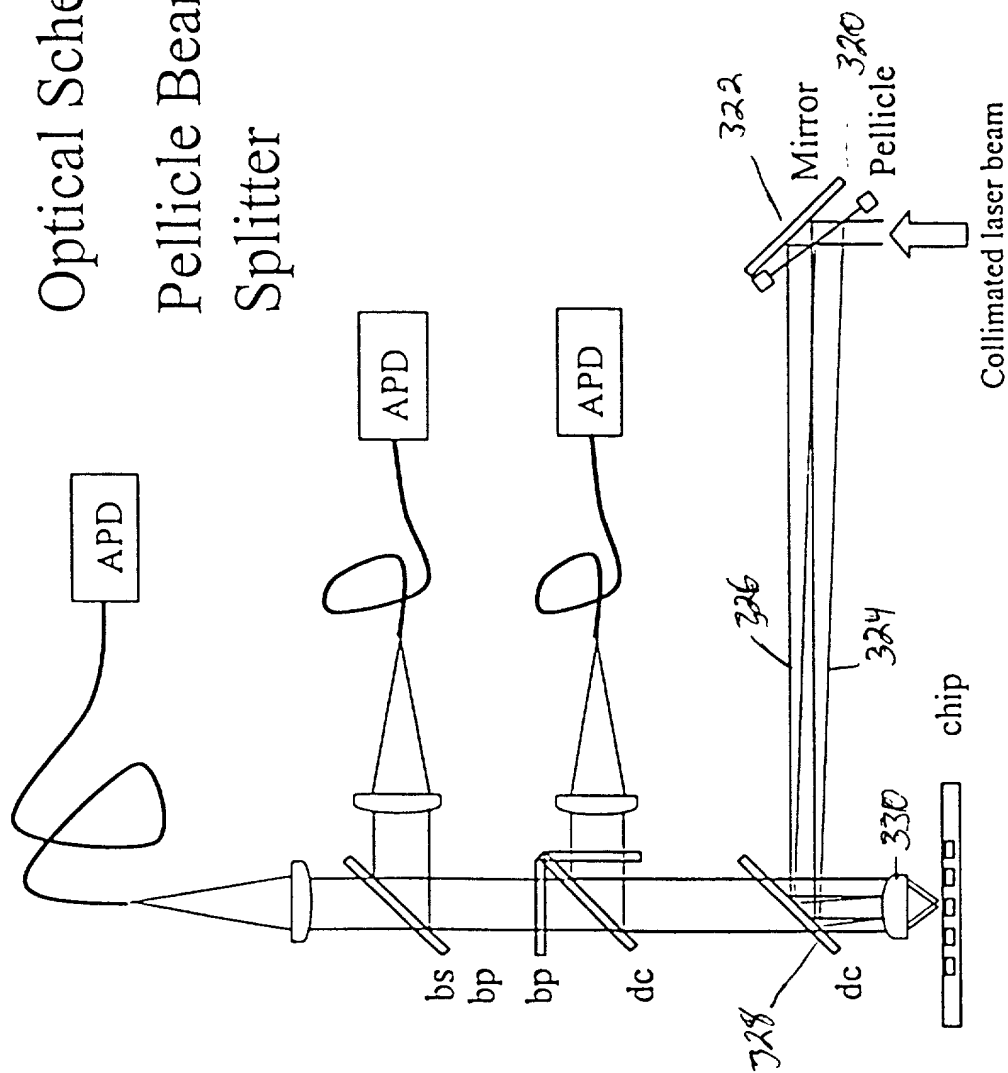


FIG. 7

Optical Scheme

Diffractive Optic

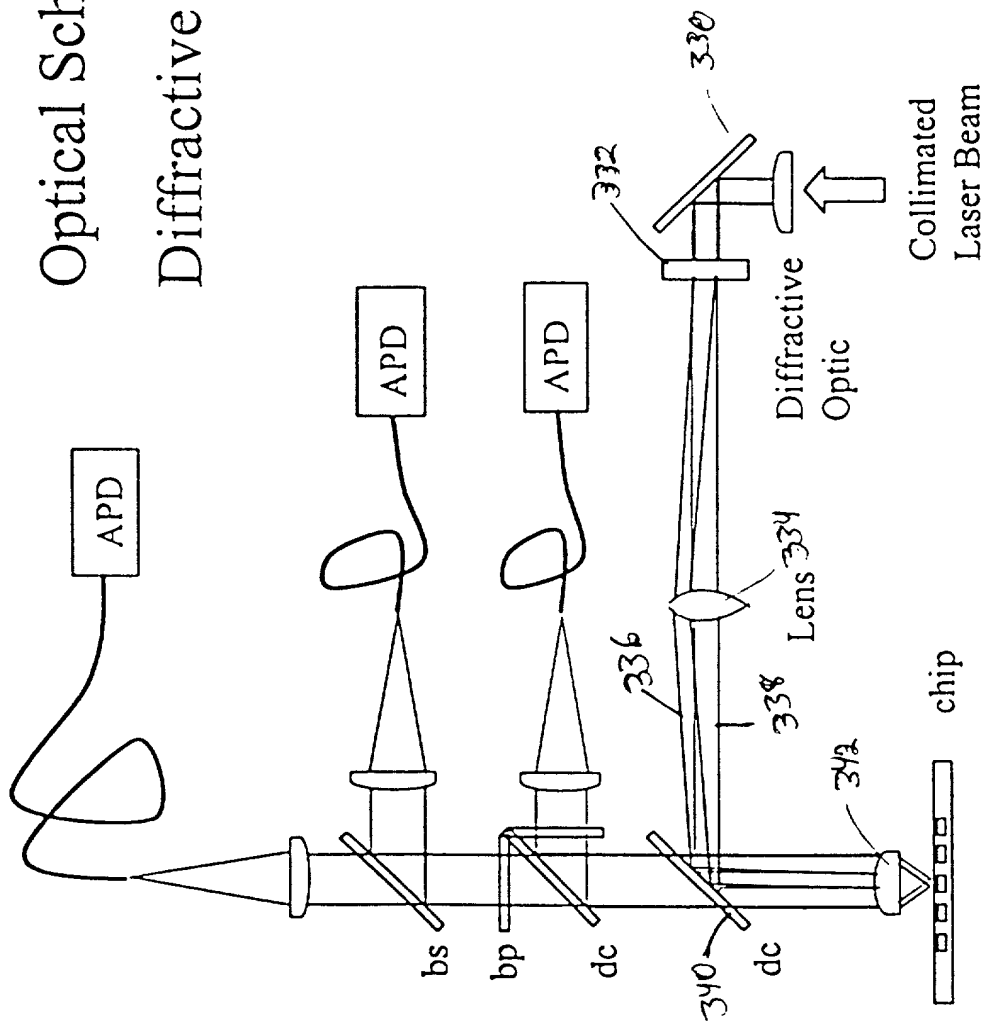


FIG. 8

Optical Arrangement for Single Spot with Interference Fringes

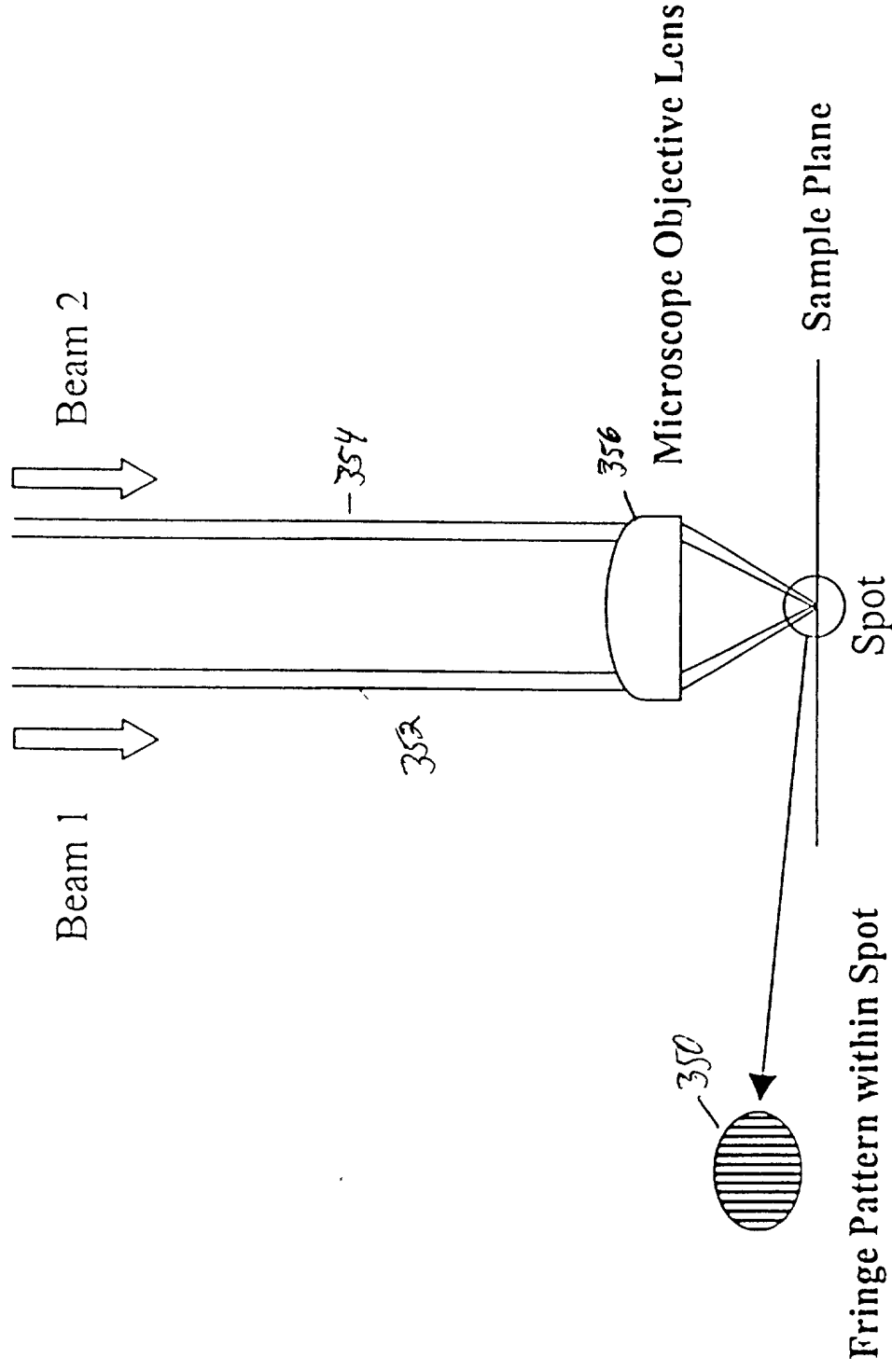


FIG. 9

1 micron posts with 0.5 micron spacing, 12 - 16 rows

488 nm laser spots

5 microns

50 microns

75 microns

10

Fig. 11 A

The graph plots intensity (y-axis, 0 to 160) against concentration (x-axis, 0.36 to 0.367). The solid line has a broad peak of intensity ~68 at concentration ~0.3625. The dashed line has a sharp peak of intensity ~155 at concentration ~0.3645.

113

199001 6452860

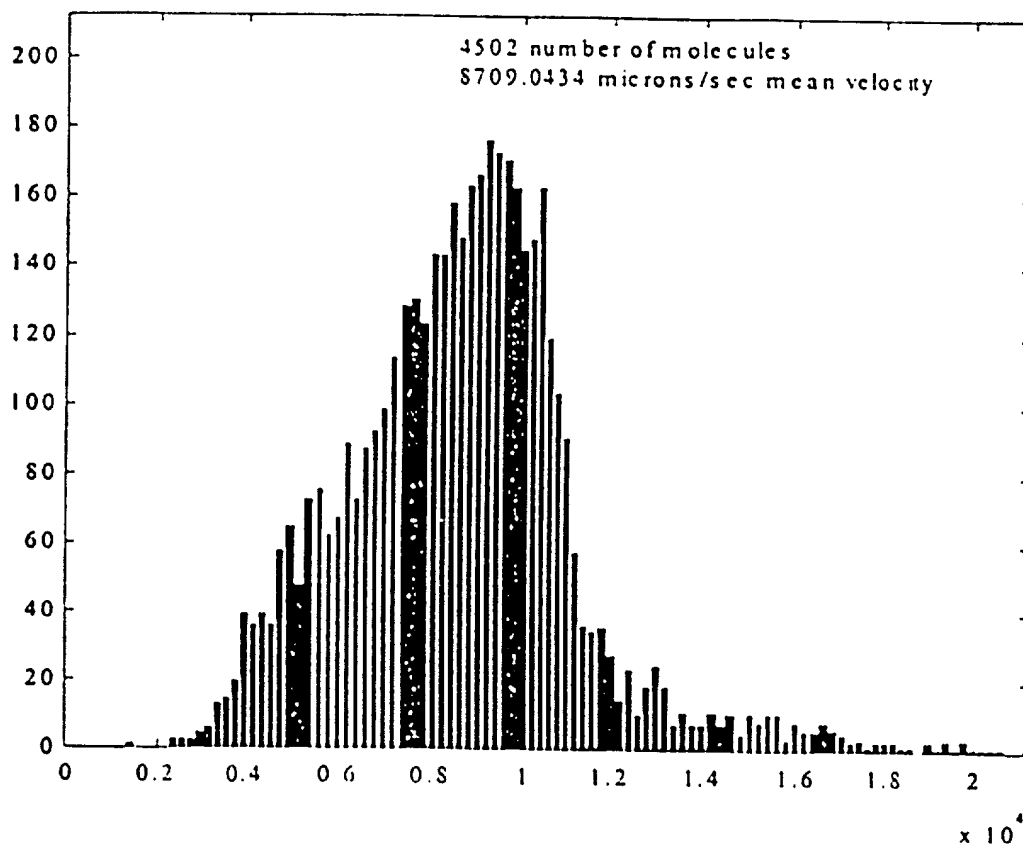


Fig. 12

4502 number of molecules
18.4037 mean length in microns

13